

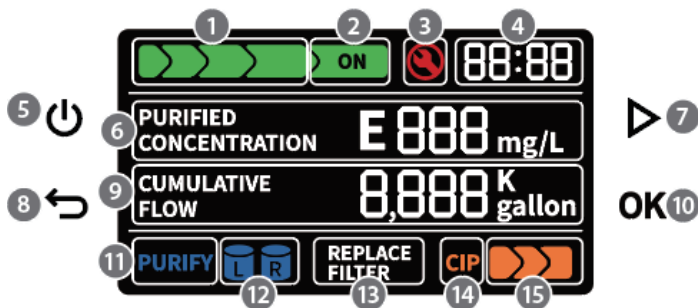
4. Operating the OOOOOO

4.1 Using the Front Panel

The front panel allows you to view operation status and perform Install test mode. Remove the protective film from the front panel before using it.

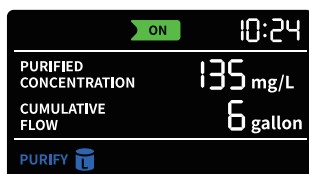
4.1.1 About the Front Panel

The icons and digital display on the front panel provide important information required for the OOOOOO's operation. Using the buttons on the front panel, you can turn the OOOOOO on or off, and set the values required for the OOOOOO's operation, such as the time setting. Refer to the following table for detailed information.

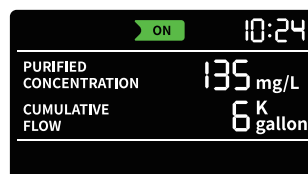


| | | | | | |
|----|--|---|----|--|---|
| 1 | | Boot Progress Booting icon that shows the product's power-on process | 2 | | Boot Complete The state in which the product is ready for operation |
| 3 | | Inspection/check Inspection icon that appears when a product error occurs | 4 | | Time Current time display |
| 5 | | Power button Turn on or off the front panel. | 6 | | TDS Indicates the average TDS for purified water. |
| 7 | | Next button <ul style="list-style-type: none">Switch between menu items or set the time.Increases the rotation of the methods 1.2.3.9... 0.1... | 8 | | Back button Returns to the previous state. |
| 9 | | Water Usage Indicates the accumulated water usage. | 10 | | OK button <ul style="list-style-type: none">Normal mode: User infoSelects a menu item. |
| 11 | | Purify Operation Indicates the purification operation. | 12 | | Purify/Drain Operation <ul style="list-style-type: none">Lighting: Purification operationFlashing: Drain operation |
| 13 | | Replace Filter Indicates the sediment cartridge replacement notification. | 14 | | CIP <ul style="list-style-type: none">Lighting: Indicates the CIP operation.Flashing: Indicates the CIP solution refill notification. |
| 15 | | CIP Progress Indicates the CIP progress step. | | | |

In normal mode, the following displays appear on the front panel.



[When water is used]



[When water is not used]

4.1.2 Button Functions

Depending on how to press the button, you can perform several functions.

Refer to the following table for detailed information.

| No | Item | Description |
|----|--------------------------|---|
| 1 | [Power] Long press | Turns off the softener. Press and hold the button for more than 3 seconds to start operation. Note Even if the power is off, the main valve is open, and the raw water is ready for supply. |
| 2 | [Back] Long press | Initializes the list in error history mode. Begins operation the button is pressed and held for about 3 seconds. |
| 3 | [Back]+[Next] Long press | Enters Installer setting mode. Status info, forced flushing, forced FG, forced CIP, error rest, etc. |
| 4 | [Back]+[OK] Long press | Enters Install test mode. Install test mode operation |
| 5 | [OK]+[Next] Long press | Enters Reset mode. Sediment media reset and citric acid balance initialization |

4.2 Using Install Test Mode

In Install test mode, you can check if each valve is properly operating.

When Install test mode is in progress, the faucet should be open.

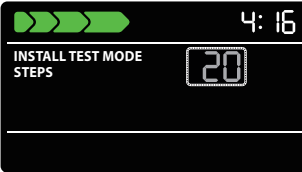
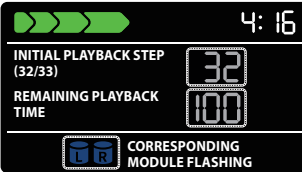
Entering Install Test Mode

To enter Install test mode:

- Automatically enter Install test mode when power is initially turned on.
- In normal operation mode, press and hold the Back and OK buttons simultaneously for 3 seconds.
- In error indication mode, press and hold the Back and OK buttons simultaneously for 3 seconds when there is an instrument related error.

About Install Test Displays

The following table explains the details of the Install test displays.

| No | Item | Description | Note |
|----|---|--|--|
| 1 | Indicates Install test mode steps. | <ul style="list-style-type: none"> Displays the process icon and clock, and displays the progress until the Install test is completed. Indicates Install test mode steps: State 20 - State 31 When the Install test is completed, the ON icon is displayed. |  |
| 2 | Indicate the initial playback of the Install test mode. | <ul style="list-style-type: none"> Indicates the initial playback action in Install test mode. Indicates the process icon and clock. Indicates the initial playback step and remaining playback time. Indicates the initial playback step of Install test mode: State 32, 33 |  |

Operation Steps

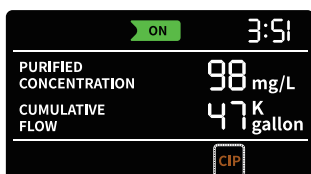
After power is applied for the first time, it will automatically proceed when entering Install test mode, and will proceed step-by-step as shown in the table below.



| No | Description |
|----|--|
| 20 | The step to check whether raw water is supplied after product installation is completed |
| 21 | The step to check if the faucet is open |
| 22 | The step to check if the main valve and bypass valve are closed |
| 23 | The step to determine if the main valve and bypass valve are closed (not indicated if there is no abnormality in state 22) |
| 24 | The step to check if the main valve is open |
| 25 | The step to check if the bypass valve is open |
| 26 | The step to check if the soft water valve is closed |
| 27 | The step to check if the regeneration valve is closed |
| 28 | The step to check if the regeneration valve 1 is open |
| 29 | The step to check if the regeneration valve 2 is open |
| 30 | The step to check if the soft water valve 1 is open |
| 31 | The step to check if the soft water valve 2 is open |
| 32 | Left NDI Module Flushing |
| 33 | Right NDI Module Flushing |
| 34 | Left/Right NDI Module Flushing |

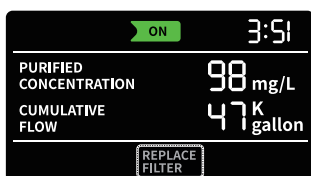
4.3 Refilling the CIP Solution

- When the citric acid solution needs to be refilled, a solution refill notification sound will occur.
- As shown in the front panel display below, the CIP icon will blink and a notification sound will occur.
- Refer to the “2.8 Filling the Citric Acid Solution” on page 18.



4.4 Replacing the Sediment filter

- When it comes time to replace the sediment cartridge, a replacement notification will be displayed.
- As shown in the front panel display below, the REPLACE FILTER icon will blink and a notification sound will occur.



NOTICE

Close the raw water inlet valve before replacing the sediment filter.

If the replacement period has been exceeded, the quality of the water cannot be guaranteed and the flow will decrease, so it should be replaced within the period.

To replacing the sediment cartridge:

1. Close the inlet valve.
2. Release the pressure in the filter by pressing the red pressure release button on top of the filter head. If the filter head does not have a pressure release button open the bypass valve and open the closest cold soft water tap (close the bypass valve and tap once the pressure is released – do not drain all the water from the plumbing).
3. Remove the sump with the sump wrench.
4. Remove and discard the used filter.
5. Clean sediment from the sump if necessary.
6. Install the new filter in the sump making sure that the top and bottom gaskets are in place.
7. Apply silicone grease to the sump o-ring and make sure it is seated in the o-ring groove.
8. Screw the sup on to the filter head making sure that the filter is centered in the sump. Tighten with the sump wrench.
9. Open the inlet valve.
10. Release the air in the filter by pressing the red pressure release button on top of the filter head until all air is displaced. If the filter head does not have a pressure release button open the bypass valve and open the closest cold soft water tap. Close the tap and bypass valve once the air is released.

NOTICE

After replacing the media, reset the use period for the sediment filter. Auto flushing mode will start immediately after the sediment filter usage period is reset. (To reset the sediment filter usage period, press the OK button. Refer to the User's Information Manual for detailed information.)